

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------------|------------------|---------|------------------|
| L1 | 2 | ("6550731").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/14 14:26 |
| L2 | 2 | ("6898882").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/14 14:29 |
| L3 | 2 | ("6343568").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/14 14:29 |
| S5 | 546 | (52/40).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/14 14:23 |
| S8 | 159 | (52/736.3).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/03/26 17:18 |
| S9 | 2 | ("4016462" "6557312").PN. OR ("6873303").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/26 17:31 |
| S10 | 12 | ("4194338" "4216632" "4458455" "4936068" "5175971").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 17:08 |
| S11 | 30 | ("2841634" "3013584" "3186561" "3813837" "4040228" "4073113" "4142343" "4194338" "4202520" "4458455" "4488844" "4583359" "4702057" "4738058" "4751804" "4803819").PN. OR ("5175971").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/26 17:34 |
| S12 | 12 | ("2841634").URPN. | USPAT | OR | ON | 2007/03/26 17:38 |
| S13 | 46 | ("0859233" "1264063" "1482036" "1804293" "2368692" "2711918" "2841634" "3103375" "3263382" "3612145" "3697098" "3734441" "3842561" "4062156" "4111217" "4196491" "4357785" "4406097" "4490063" "4513938" "4709517" "4731961" "4918896" "5160174").PN. OR ("5540017").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/26 17:42 |
| S14 | 12 | (."2841634").URPN. | USPAT | OR | ON | 2007/03/26 17:52 |

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| S15 | 2 | ("4617768").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/03/26 17:52 |
| S16 | 36 | ("1870770" "2016011" "2945659" "3364635" "3671738" "3974372").PN. OR ("4617768").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/03/26 17:52 |
| S17 | 288 | (52/736.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/03 09:10 |
| S18 | 0 | ("2002/0050112").URPN. | USPAT | OR | ON | 2007/04/03 10:27 |
| S19 | 201 | (52/736.2).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/03 10:53 |
| S20 | 159 | (52/736.3).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/03 10:54 |
| S21 | 596 | S17 S19 S20 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/03 10:54 |
| S22 | 424 | S17 S20 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/03 10:55 |
| S23 | 172 | S21 not S22 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/03 14:17 |
| S24 | 474 | S17 S19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/03 14:17 |
| S25 | 122 | S21 not S24 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/03 14:17 |
| S26 | 27 | ("3486287" "3685222").PN. OR ("4458455").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/03 14:43 |
| S27 | 19 | ("0354303" "1812117" "2083258" "3462110" "3572223" "4201975" "4458455" "4480403" "4910901" "5230176" "5398170" "5704580" "5903991" "6550731").PN. OR ("6898882").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/03 14:51 |

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| S28 | 6 | ("4021973" "4040194" "4163537" "4458455").PN. OR ("6550731").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/03 14:54 |
| S29 | 68 | ("0213715" "0224775" "0666146" "1445938" "2109508" "2870793" "3177667" "3270480" "3378978" "3570376" "3574104" "3726360" "3813098" "3813837" "3970401" "4142343" "4144111" "4155970" "4194338" "4202520" "4211692" "4312162" "4347090" "4458455" "4488844" "4583359" "4702057" "4738058" "4751804" "4769967" "4803819" "4846908" "4907624" "4918883" "4939002" "5175971" "5176775" "5218375" "5218810" "5222344" "5228251" "5250132" "5324377" "5329744" "5339594" "5374385" "5379566" "5447793" "5513477" "5540017" "5540870" "5546707" "5549947" "5555696" "5725954" "5809734" "5870877" "6155017").PN. OR ("6453635").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/03 15:03 |
| S30 | 2 | ("5379566").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/03 15:03 |
| S31 | 17 | ("2745622" "2828662" "4026076" "4472883" "4561798" "4770560").PN. OR ("5379566").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/03 15:06 |
| S32 | 2 | ("6554235").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/03 15:07 |
| S33 | 51 | ("2504392" "2602863" "2735519" "2855255" "2970798" "3071350" "3333808" "3574367" "3966342" "4049230" "4163537" "4485597" "4549832" "4666111" "4690192" "4725030" "4757778" "4787768" "4869378" "4905944" "4928916" "4941763" "4966340" "5188323" "5322253" "5355539" "5379566" "5385323" "5400737" "5433551" "5649565" "5813641" "5848501" "5899423" "6106186" "6119317" "6161262" "6402420" "6442805").PN. OR ("6554235").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/03 15:07 |

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|-----|-----|--|------------------------------------|----|-----|------------------|
| S34 | 44 | ("1169409" "1516381" "2236593" "2319992" "2951312" "3111934" "3367632" "3418976" "3426732" "3563205" "3696792" "3792685" "4765277" "4918896" "5152627" "5515574" "5524858" "5540017" "5572835" "D163666" "D164707" "D170833" "D221090" "D233994" "D245927" "D281917").PN. OR ("6343568").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/03 15:46 |
| S35 | 12 | ("2841634").URPN. | USPAT | OR | ON | 2007/04/03 16:58 |
| S36 | 6 | ("4021973" "4040194" "4163537" "4458455").PN. OR ("6550731").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/03 17:22 |
| S37 | 19 | ("0354303" "1812117" "2083258" "3462110" "3572223" "4201975" "4458455" "4480403" "4910901" "5230176" "5398170" "5704580" "5903991" "6550731").PN. OR ("6898882").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/03 18:01 |
| S38 | 2 | ("6343568").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/03 18:13 |
| S40 | 321 | (52/297).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/03 18:14 |
| S41 | 426 | (52/298).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/03 18:14 |
| S42 | 390 | (52/296).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/04 09:00 |
| S43 | 4 | ("RE26995").URPN. | USPAT | OR | ON | 2007/04/04 09:55 |
| S44 | 15 | ("3364635").URPN. | USPAT | OR | ON | 2007/04/04 10:44 |
| S45 | 321 | (52/297).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/04 10:45 |
| S46 | 426 | (52/298).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/04 10:45 |

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|-----|------|--|---|----|-----|------------------|
| S47 | 1041 | S42 S45 S46 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/04 10:45 |
| S48 | 651 | S47 not S42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/04 11:51 |
| S49 | 398 | (52/301).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/04 11:51 |
| S50 | 13 | S49 and vent\$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/04 11:53 |
| S51 | 103 | S49 and cap | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/04 11:54 |
| S52 | 35 | S51 and (hole\$2 perforat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 17:17 |
| S53 | 9 | ("1444834" "2450345" "3250050" "5299883").PN. OR ("6021614").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/04 12:02 |
| S54 | 104 | (52/731.4).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/04 12:02 |
| S55 | 100 | (52/732.3).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/04 14:01 |
| S56 | 17 | ("3429758" "3574104" "3813098" "3813837" "3896858" "4172175" "4312162" "4751804" "4939037" "5245813" "5339594" "5513477" "5556673" "6129962").PN. OR ("6434906").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/04 12:06 |
| S57 | 617 | drain\$4 adj1 pit | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/04 14:01 |
| S58 | 56 | S57 and (pole post pil\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 17:22 |

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|-----|------|---------------------------------|---|----|-----|------------------|
| S59 | 53 | (52/302.5).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 17:03 |
| S60 | 1143 | (52/302.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 17:21 |
| S61 | 518 | S60 and (cap cover\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 17:09 |
| S62 | 273 | S61 and (hole\$2 perforat\$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 17:19 |
| S63 | 420 | 52/302.3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 17:22 |
| S64 | 71 | S63 and (pole post pil\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 17:33 |
| S65 | 84 | S60 and (pole post pil\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 18:32 |
| S66 | 4873 | vent\$8 adj1 (cap, cover) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 17:57 |
| S67 | 1020 | S66 and (post pole pile column) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 18:00 |
| S68 | 547 | (52/40).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 18:02 |
| S69 | 288 | (52/736.1).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 18:02 |
| S70 | 201 | (52/736.2).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 18:02 |

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|-----|------|--|---|----|-----|------------------|
| S71 | 159 | (52/736.3).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 18:02 |
| S72 | 596 | S69 S70 S71 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 18:02 |
| S73 | 390 | (52/296).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 18:02 |
| S74 | 321 | (52/297).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 18:02 |
| S75 | 426 | (52/298).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 18:02 |
| S76 | 1041 | S73 S74 S75 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 18:02 |
| S77 | 398 | (52/301).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 18:02 |
| S78 | 3508 | S68 S72 S76 S77 S60 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 18:02 |
| S79 | 1442 | S78 and (cap\$2 cover top) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 18:04 |
| S80 | 2 | ("6021614").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/06 18:04 |
| S81 | 9 | ("1444834" "2450345" "3250050" "5299883").PN. OR ("6021614").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/06 18:04 |
| S82 | 691 | S79 and (pole post pil\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/06 18:32 |

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| S83 | 249 | (248/910).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/09 13:45 |
| S85 | 2 | ("6299124").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/09 13:46 |
| S86 | 284 | (248/530).CCLS. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/12 18:21 |
| S87 | 39 | ("0202179" "0529067" "0978505" "1224926" "1263132" "1419108" "1582454" "2889614" "3093363" "3159248" "3272061" "3385565" "3433119" "3612287" "3894589" "4000585" "4007516" "4614471" "4649678" "4787601" "5094148" "5553833" "5586364" "5625988" "6123321" "6679662").PN. OR ("7055807").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/04/12 18:46 |
| S88 | 77 | 40/607.01 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/12 18:49 |
| S89 | 45 | 40/607.05 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/12 18:52 |
| S90 | 40 | 40/607.1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/04/12 18:54 |
| S91 | 2 | ("6851838").PN. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2007/04/12 18:49 |